RAY-FI User's Manual

1, Read Before Use

Please read this user manual to completely familiarize yourself with this product. Make sure you understand all functions before hitting the trails.

Cycling in the dark is dangerous inherently. Always make sure the light is firmly secured and the battery is fully charged before you go for a ride. Like all other electronic devices, the light can fail at any unexpected time. It is advised to always keep a backup light and battery pack with you whenever you go on an extended ride. Please note that your Bikeray light is very bright! Never aim it directly at any oncoming motorists/cyclists.

Your Bikeray bicycle light is equipped with a high capacity Lithium-ion battery pack. Please fully charge the battery before first use of the light. While the battery pack is double protected, you should always observe the following:

- While charging the batteries, never leave it unattended for a long time.
- Only use the bikeray charger to charge the batteries. Using other chargers to charge bikeray batteries may cause battery failure and/or other serious damage.

Your bikeray bicycle light uses high power LEDs which, especially in turbo/high mode, generate a significant amount of heat. The aluminum light-head is designed to draw most of the excess heat away. The light head may get extremely hot during this process if sufficient air flow is not provided. Please use with caution.

2, Technics

LED: 3 CREE U2

LED lifespan：above 50,000 hours

Max output: 3000 lumens

Lens: High transparent acrylic lens

Modes: 3-level adjustable brightness, flashing and over-heat protection functions

Press the switch 3 seconds to turn off

Power indicator: 3-color/4-modes LED indicator to display battery capacity

Battery capacity/Voltage: 62WH,16.8V

Battery indicator: Green, Blue, Red LED power indicator

Burn time: 3+ hours Run time at high lighting modes,12 hours at low

Charge time: 3.5~4Hours

Shell material: 6061-T6 Aluminum alloy

Wireless remote Switch control within 6 meters

Waterproof: IP65

The bicycle light comes with a 3 stage power meter. As the battery depletes, the backlit switch button will change color from Green-Blue -Red-Flashing Red.

● Green 100%-75%

● Blue 75%-30%

● Red 30%-5%

● Flashing Red < 5%

3, Light Mounted on the cycle

Image1 Choose the Right O ring to fit for your handle bar

4, light on the helmet

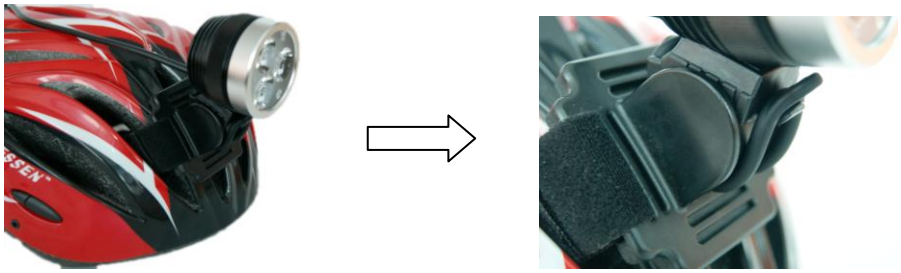


Image 2 Choose the right O ring to fit for the helmet

5, Battery packed on the right position

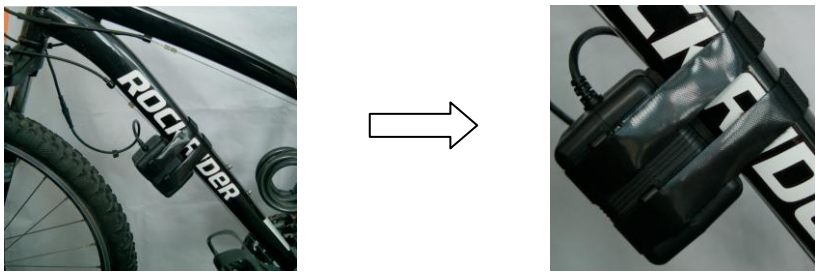


Image 3 the skid proof piece on the battery case Velcro the battery case tightly

Image 4 Plug the light cable into the battery cable. Notice of the inside three connection point . Screw the lid and Lock the cable

6, Match the wireless switch with Light head

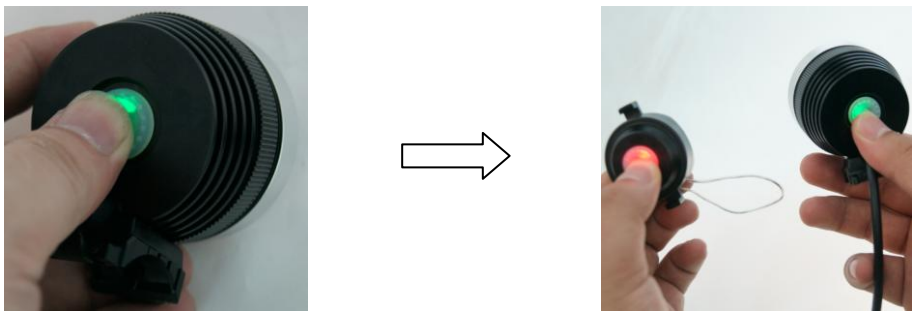


Image 5 Firstly press the Switch on the light head firmly without turning on the light , Then, press the wireless switch for 2 seconds. If the light flashes 2 times, the wireless switch matches successfully.

7, Mount the wireless switch

Image 6 Mount the wireless switch onto the handle bar

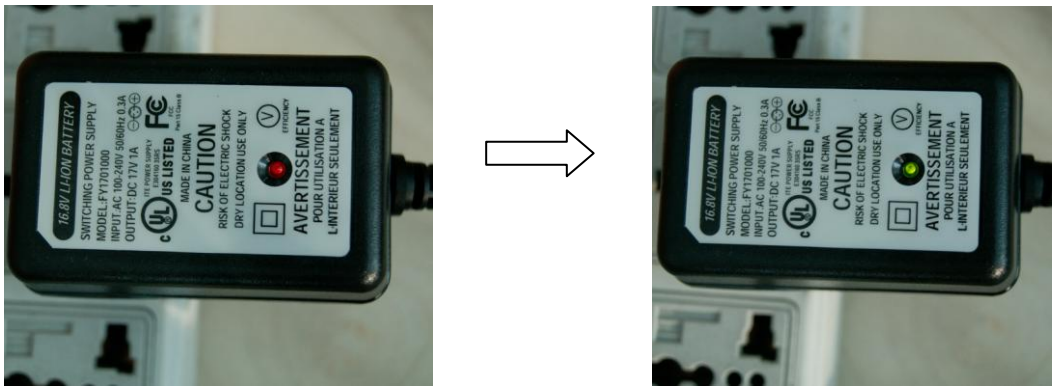
8, Charge the Battery

(1)The battery pack is shipped half charged. You need to fully charge it before first use.

(2)Connect the battery to the charger- the charger LED will turn Green.

(3)Plug the charger into the power outlet – the charger LED will turn Red indicating that the battery is charging. A full charge from empty will take approximately 4 hours.

(4)Once fully charged the LED will turn Green. Unplug the charger and disconnect the battery.



(5)Our charger is built of over charge and over current protection

9, Change battery on the wireless switch

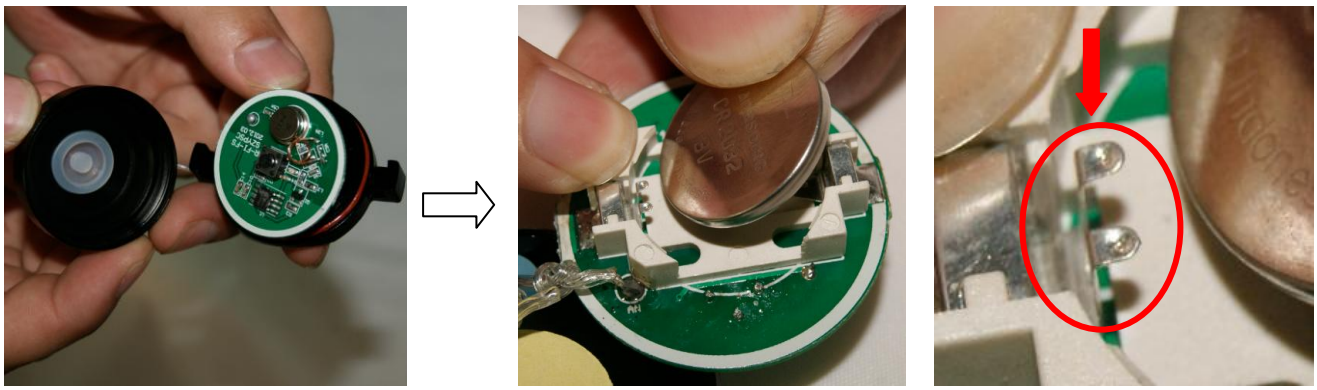


Image 7 screw the top tap and change the New R2032 battery. ***Do insert the battery from the box side as marked in the image. If not, you might destroy the switch.***

10,Form

No	failure	caused	solution
1	No light	Battery is discharged	Charge the battery
2		Battery is not plugged in correctly	Make sure all parts are firmly connected
3	LED lights directly from Hi to Low	Automatic overheat protection	Work under the Ventilation environment
4	Runtime decreases on the same mode	Near Battery life time	Change new battery
5	No green light when connect battery and charger	Full charged or plug incorrectly	Cut off charge or correct the connection
6	LED flash on the charger	Battery full charged	Cut off charge
7	No working for wireless switch	Interference source around or no power of the switch battery	Switch again or change the battery
8	No working for wireless switch completely	No match with the light	Match again
9	No led indicator on the wireless switch	No power of the inside battery	Change new battery

If you meet other questions exclude the above failures, please contact our retailers for after sell service。

Warning

(1)Never **SHORT CIRCUIT** when you charge the battery

(2)Never **disassemble the battery**

(3)Don’t switch the wireless switch too fast